

# Weekly Report of the 7th week

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## Done

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## Summary

- **Build the demo of our system with timeline switch and brush**

## Details

### Monday 0410

- **Due to my fever, just work a little:** input the force-directed layout into our system, we can visualize our data by force-directed layout.

### Tuesday 0411

- **Build the frame, merge 3D visualization and 2D visualization:** We use AngularJS as our framework to build our system. And I merge two parts of our system(3D visualization and 2D visualization) into one system.

### Wednesday 0412

- **Fake 5 years data and increase the timeline:** the timeline support to do clicking on the time node, then the system will jump to the relative year, recalculate the position and redraw it.

### Thursday 0413

- **Add transition animation fix some bug of timeline:** now, when switching between different years, we will see the transition animation, it would help user understand the changes of the data between different years.

### Friday 0414

- **Add brush function into the system:** left some bug to be fixed

## **Saturday 0415**

- fixed the bug in brush function

## **Sunday 0416**

- Study javascript

## **To Do**

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- Continue to build the system
- Help write the Patent application